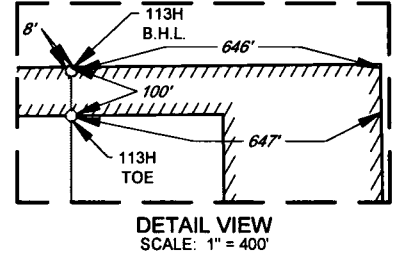
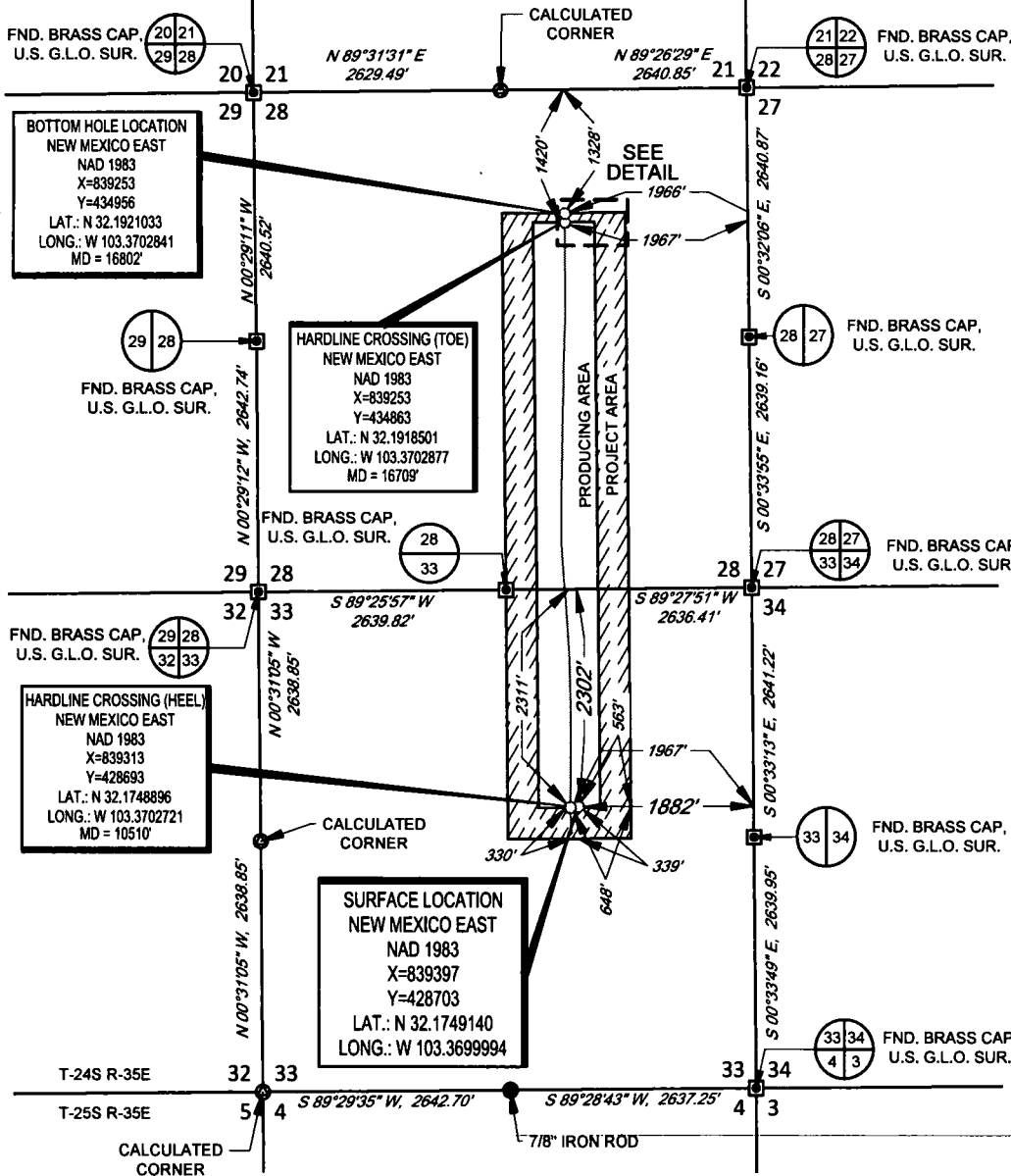


SCALE: 1" = 2000'

0' 1000' 2000'

SECTION 33, TOWNSHIP 24-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



HOBBS OCD

NOV 26 2018

RECEIVED

LEASE NAME & WELL NO.: COSMO K 24S35E3328 113H

SECTION 33 TWP 24-S RGE 35-E SURVEY N.M.P.M.

COUNTY LEA STATE NM ELEVATION 3288'

DESCRIPTION 2302' FNL & 1882' FEL

30-025-44969

INTERNAL
PRE-COMPLETION
PLAT

**TAP
ROCK**



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
WWW.TOPOGRAPHIC.COM

Stan W. Lloyd, P.S. No. 19642

OCTOBER 3, 2018

COSMO K 24S35E3328 113H PRE-COMPLETION	REVISION:	NOTES: 1. ORIGINAL DOCUMENT SIZE: 8.5" X 11" 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. 3. THIS WELL LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY TAP ROCK OPERATING, LLC. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.
DATE: 10/03/18		
FILE: C:\COSMO_K_24S35E3328_113H		
DRAWN BY: GJU		
SHEET: 1 OF 1		

Plan Report 14-Aug-2018 19:26:59

HOBBS OCD

NOV 26 2018

RECEIVED

Client.....: Tap Rock Operating, LLC
Location.....: Lea County, New Mexico (NAD 83)
Site.....: Cosmo K 24S35E3328
Well.....: 113H

----- Depth reference -----

Permanent datum.....: Mean Sea Level

Depth reference.....: Well

GL above permanent.....: 3289.00 usft

KB above permanent.....: 3315.50 usft

----- Surface Location -----

Northing (+N/-).....: 428699.00 usft

Easting (+E/-).....: 839403.00 usft

MD	Inc	Azimuth	TVD	Subsea	N/S	E/W	VS	DLS
0	0	0	0	3315.5	0	0	0	0
151	0.5	103.1	151	3164.5	-0.15	0.64	-0.17	0.33
241	0.4	33.3	241	3074.5	0.02	1.2	-0.01	0.58
331	0.4	89.1	330.99	2984.51	0.29	1.68	0.25	0.42
420	0.7	61	419.99	2895.51	0.56	2.47	0.49	0.44
510	1	55.8	509.98	2805.52	1.27	3.6	1.17	0.34
600	0.6	48.4	599.97	2715.53	2.02	4.6	1.9	0.46
691	1.3	97.2	690.96	2624.54	2.21	5.98	2.05	1.11
781	1.5	71.2	780.93	2534.57	2.46	8.11	2.24	0.73
873	1.5	61.6	872.9	2442.6	3.42	10.31	3.15	0.27
962	1.1	108.4	961.88	2353.62	3.71	12.14	3.38	1.23
1082	1.4	111.9	1081.85	2233.65	2.8	14.6	2.41	0.26
1176	2.1	149.1	1175.81	2139.69	0.89	16.55	0.45	1.38
1271	3.3	158.2	1270.7	2044.8	-3.14	18.46	-3.63	1.34
1365	3.9	169.3	1364.52	1950.98	-8.8	20.06	-9.33	0.98
1459	3.9	172.6	1458.3	1857.2	-15.11	21.06	-15.66	0.24
1553	3.6	175.9	1552.1	1763.4	-21.22	21.68	-21.79	0.39
1648	3.3	178	1646.93	1668.57	-26.93	21.99	-27.51	0.34
1742	2.8	194.2	1740.8	1574.7	-31.86	21.52	-32.42	1.05
1931	3	198.7	1929.55	1385.95	-41.02	18.81	-41.51	0.16
2025	2.8	190.6	2023.43	1292.07	-45.6	17.59	-46.06	0.48
2120	3.3	196	2118.3	1197.2	-50.51	16.41	-50.93	0.61
2214	4.1	203.2	2212.1	1103.4	-56.2	14.34	-56.57	0.98
2308	4.4	202.4	2305.85	1009.65	-62.63	11.65	-62.91	0.33
2403	4.8	213.7	2400.54	914.96	-69.3	8.05	-69.49	1.04
2497	4.8	218.8	2494.21	821.29	-75.64	3.41	-75.7	0.45

2592	4.7	217.9	2588.89	726.61	-81.81	-1.48	-81.74	0.13
2686	4.3	218.5	2682.6	632.9	-87.6	-6.04	-87.41	0.43
2781	4	216.7	2777.35	538.15	-93.05	-10.23	-92.74	0.34
2875	3.9	218	2871.12	444.38	-98.2	-14.16	-97.78	0.14
2969	3.9	219.8	2964.91	350.59	-103.17	-18.17	-102.65	0.13
3064	3.7	225.8	3059.7	255.8	-107.79	-22.44	-107.15	0.47
3158	3.3	216.8	3153.52	161.98	-112.07	-26.23	-111.33	0.72
3253	3.3	212.9	3248.36	67.14	-116.56	-29.36	-115.73	0.24
3347	3.5	216.7	3342.2	-26.7	-121.13	-32.54	-120.22	0.32
3441	3.3	211.9	3436.03	-120.53	-125.73	-35.69	-124.73	0.37
3536	3.3	215.9	3530.88	-215.38	-130.26	-38.74	-129.18	0.24
3630	3.2	217.9	3624.73	-309.23	-134.52	-41.93	-133.36	0.16
3725	3	192.2	3719.59	-404.09	-139.05	-44.09	-137.82	1.47
3819	3.5	175.7	3813.44	-497.94	-144.31	-44.39	-143.08	1.12
3913	4.3	183	3907.22	-591.72	-150.69	-44.36	-149.45	1
4008	4.4	181.2	4001.95	-686.45	-157.89	-44.62	-156.64	0.18
4102	3.6	196.4	4095.72	-780.22	-164.33	-45.53	-163.05	1.41
4196	3.8	208	4189.53	-874.03	-169.91	-47.83	-168.57	0.82
4290	3.6	204.7	4283.33	-967.83	-175.34	-50.52	-173.93	0.31
4385	4.1	220.6	4378.12	-1062.62	-180.63	-53.98	-179.12	1.24
4479	4.9	238.8	4471.83	-1156.33	-185.26	-59.6	-183.6	1.73
4574	4.3	252.7	4566.53	-1251.03	-188.42	-66.47	-186.58	1.33
4668	2	249.5	4660.38	-1344.88	-190.05	-71.37	-188.07	2.45
4762	1.2	162.7	4754.36	-1438.86	-191.56	-72.62	-189.55	2.42
4857	2.5	138.8	4849.31	-1533.81	-194.07	-70.96	-192.1	1.56
4951	2.6	136.1	4943.21	-1627.71	-197.15	-68.13	-195.26	0.17
4993	2.5	137.5	4985.17	-1669.67	-198.51	-66.85	-196.65	0.28
5093	2.2	140	5085.09	-1769.59	-201.59	-64.14	-199.8	0.32
5188	2.3	168.6	5180.02	-1864.52	-204.85	-62.59	-203.11	1.17
5282	2.3	193.6	5273.94	-1958.44	-208.54	-62.66	-206.79	1.06
5377	2.4	211.8	5368.86	-2053.36	-212.08	-64.16	-210.29	0.79
5471	2.3	216.8	5462.79	-2147.29	-215.26	-66.33	-213.41	0.24
5565	2.9	216.7	5556.69	-2241.19	-218.68	-68.88	-216.76	0.64
5660	3	217.2	5651.56	-2336.06	-222.59	-71.82	-220.59	0.11
5754	3	218.7	5745.43	-2429.93	-226.46	-74.84	-224.39	0.08
5848	3.5	210.7	5839.28	-2523.78	-230.85	-77.85	-228.69	0.72
5943	3.4	210.3	5934.11	-2618.61	-235.78	-80.75	-233.54	0.11
6037	3.4	208.6	6027.95	-2712.45	-240.63	-83.49	-238.32	0.11
6132	3.3	206	6122.78	-2807.28	-245.56	-86.04	-243.18	0.19
6321	2.6	210.9	6311.53	-2996.03	-254.13	-90.62	-251.62	0.39
6415	2.6	212.5	6405.44	-3089.94	-257.76	-92.86	-255.19	0.08
6510	2.5	210.9	6500.34	-3184.84	-261.35	-95.08	-258.72	0.13
6605	2.4	208.6	6595.25	-3279.75	-264.88	-97.1	-262.19	0.15
6699	2.5	211	6689.17	-3373.67	-268.36	-99.1	-265.62	0.15
6793	2.3	211.9	6783.09	-3467.59	-271.72	-101.15	-268.92	0.22
6887	2.5	204.4	6877	-3561.5	-275.19	-102.99	-272.34	0.4
6982	1.6	192.2	6971.94	-3656.44	-278.37	-104.13	-275.49	1.05

7076	1.5	191.3	7065.91	-3750.41	-280.86	-104.65	-277.97	0.11
7170	1.6	194	7159.87	-3844.37	-283.34	-105.21	-280.43	0.13
7264	1.6	190.3	7253.84	-3938.34	-285.91	-105.76	-282.98	0.11
7358	0.9	156.5	7347.81	-4032.31	-287.87	-105.7	-284.95	1.05
7453	1.1	150.5	7442.8	-4127.3	-289.35	-104.95	-286.45	0.24
7547	1.2	154.4	7536.78	-4221.28	-291.02	-104.08	-288.14	0.14
7641	1.3	145.6	7630.76	-4315.26	-292.79	-103.06	-289.94	0.23
7735	1.3	150.6	7724.74	-4409.24	-294.6	-101.93	-291.77	0.12
7829	1.3	140.7	7818.71	-4503.21	-296.36	-100.73	-293.56	0.24
7923	1.3	137.2	7912.69	-4597.19	-297.96	-99.33	-295.2	0.08
8018	1.2	136.4	8007.66	-4692.16	-299.47	-97.91	-296.75	0.11
8112	1	127.2	8101.65	-4786.15	-300.68	-96.58	-298	0.28
8207	1	97.1	8196.63	-4881.13	-301.29	-95.1	-298.64	0.55
8302	1.1	76.4	8291.62	-4976.12	-301.17	-93.39	-298.57	0.41
8396	1.3	69	8385.6	-5070.1	-300.58	-91.52	-298.03	0.27
8491	1.6	55.4	8480.57	-5165.07	-299.44	-89.42	-296.95	0.48
8586	1.7	41.9	8575.53	-5260.03	-297.64	-87.39	-295.2	0.42
8680	1.3	59.1	8669.5	-5354	-296.05	-85.54	-293.66	0.64
8775	1.3	66.3	8764.47	-5448.97	-295.07	-83.63	-292.73	0.17
8869	1.5	77.4	8858.44	-5542.94	-294.37	-81.45	-292.09	0.36
8964	1.5	83.1	8953.41	-5637.91	-293.95	-79	-291.73	0.16
9059	1.5	93	9048.38	-5732.88	-293.86	-76.53	-291.72	0.27
9153	1.4	96.7	9142.35	-5826.85	-294.06	-74.16	-291.98	0.15
9248	1.3	94.2	9237.32	-5921.82	-294.28	-71.93	-292.25	0.12
9342	0.8	67.2	9331.31	-6015.81	-294.1	-70.26	-292.12	0.73
9437	1	41.1	9426.29	-6110.79	-293.22	-69.11	-291.27	0.47
9531	0.9	44.5	9520.28	-6204.78	-292.07	-68.05	-290.15	0.12
9626	0.7	44.8	9615.27	-6299.77	-291.13	-67.12	-289.24	0.21
9721	0.6	43.3	9710.27	-6394.77	-290.36	-66.37	-288.48	0.11
9815	0.5	29.7	9804.26	-6488.76	-289.64	-65.83	-287.78	0.17
9916	0.9	347.4	9905.26	-6589.76	-288.49	-65.78	-286.63	0.62
9961	5.2	342.4	9950.18	-6634.68	-286.2	-66.48	-284.32	9.56
10011	11.6	350.7	9999.62	-6684.12	-279.07	-67.97	-277.15	12.99
10056	17.5	351.3	10043.16	-6727.66	-267.91	-69.73	-265.95	13.12
10106	22.9	351.1	10090.07	-6774.57	-250.85	-72.37	-248.83	10.8
10153	25.1	354	10133	-6817.5	-231.9	-74.83	-229.82	5.31
10201	27.1	356.6	10176.11	-6860.61	-210.86	-76.54	-208.74	4.8
10247	29.5	356.9	10216.6	-6901.1	-189.09	-77.78	-186.94	5.23
10295	35.4	358.4	10257.09	-6941.59	-163.36	-78.81	-161.2	12.4
10342	42.3	359.1	10293.67	-6978.17	-133.91	-79.44	-131.74	14.71
10390	45.8	358.1	10328.17	-7012.67	-100.55	-80.26	-98.37	7.43
10436	48.5	356.9	10359.45	-7043.95	-66.86	-81.74	-64.66	6.17
10483	50.8	357.4	10389.88	-7074.38	-31.09	-83.52	-28.85	4.96
10530	55.1	358.3	10418.19	-7102.69	6.39	-84.92	8.65	9.28
10578	61	359.4	10443.58	-7128.08	47.09	-85.72	49.36	12.44
10625	66.3	0.5	10464.43	-7148.93	89.19	-85.75	91.45	11.47
10673	71.4	1.2	10481.75	-7166.25	133.93	-85.08	136.16	10.71

10719	78.7	1.3	10493.61	-7178.11	178.34	-84.11	180.52	15.87
10765	84.7	0.7	10500.24	-7184.74	223.83	-83.32	225.97	13.11
10859	87.3	0.3	10506.8	-7191.3	317.59	-82.5	319.68	2.8
10954	87.7	0.1	10510.94	-7195.44	412.5	-82.17	414.54	0.47
11048	87.6	359.8	10514.8	-7199.3	506.42	-82.25	508.43	0.34
11143	88.1	359.9	10518.36	-7202.86	601.35	-82.5	603.34	0.54
11237	88.6	0.5	10521.07	-7205.57	695.31	-82.17	697.25	0.83
11332	89	0.6	10523.06	-7207.56	790.28	-81.26	792.17	0.43
11427	88.6	359.8	10525.05	-7209.55	885.26	-80.93	887.11	0.94
11521	88	359.4	10527.84	-7212.34	979.22	-81.58	981.05	0.77
11615	89	358.7	10530.3	-7214.8	1073.17	-83.14	1075.01	1.3
11709	90.9	359	10530.38	-7214.88	1167.15	-85.03	1169	2.05
11804	91.6	358.6	10528.31	-7212.81	1262.1	-87.02	1263.97	0.85
11898	91.7	358.6	10525.6	-7210.1	1356.03	-89.31	1357.94	0.11
11992	92.5	358.1	10522.16	-7206.66	1449.93	-92.02	1451.87	1
12087	92.9	357.9	10517.68	-7202.18	1544.77	-95.33	1546.76	0.47
12182	94	357.1	10511.96	-7196.46	1639.5	-99.47	1641.57	1.43
12276	92.4	355.8	10506.72	-7191.22	1733.17	-105.28	1735.36	2.19
12370	91	356.2	10503.93	-7188.43	1826.9	-111.83	1829.23	1.55
12464	92	355.7	10501.47	-7185.97	1920.63	-118.47	1923.11	1.19
12559	92.8	355.6	10497.49	-7181.99	2015.27	-125.67	2017.91	0.85
12653	92.4	356.2	10493.22	-7177.72	2108.93	-132.38	2111.72	0.77
12748	92.9	355.6	10488.83	-7173.33	2203.59	-139.17	2206.52	0.82
12842	92.5	355	10484.4	-7168.9	2297.17	-146.86	2300.27	0.77
12900	92.25	356.13	10482	-7166.5	2354.94	-151.34	2358.15	2
13000	91.81	358.09	10478.46	-7162.96	2454.75	-156.38	2458.05	2
13094.64	91.4	359.93	10475.81	-7160.31	2549.33	-158.01	2552.64	2
13100	91.4	359.93	10475.68	-7160.18	2554.69	-158.02	2558	0
13200	91.4	359.93	10473.23	-7157.73	2654.66	-158.13	2657.94	0
13300	91.4	359.93	10470.79	-7155.29	2754.63	-158.25	2757.88	0
13400	91.4	359.93	10468.35	-7152.85	2854.6	-158.36	2857.81	0
13500	91.4	359.93	10465.91	-7150.41	2954.57	-158.48	2957.75	0
13600	91.4	359.93	10463.47	-7147.97	3054.54	-158.59	3057.69	0
13700	91.4	359.93	10461.03	-7145.53	3154.51	-158.71	3157.63	0
13800	91.4	359.93	10458.59	-7143.09	3254.48	-158.82	3257.56	0
13900	91.4	359.93	10456.15	-7140.65	3354.45	-158.93	3357.5	0
14000	91.4	359.93	10453.71	-7138.21	3454.42	-159.05	3457.44	0
14100	91.4	359.93	10451.27	-7135.77	3554.39	-159.16	3557.38	0
14200	91.4	359.93	10448.83	-7133.33	3654.36	-159.28	3657.31	0
14300	91.4	359.93	10446.39	-7130.89	3754.33	-159.39	3757.25	0
14400	91.4	359.93	10443.95	-7128.45	3854.3	-159.51	3857.19	0
14500	91.4	359.93	10441.51	-7126.01	3954.27	-159.62	3957.13	0
14600	91.4	359.93	10439.07	-7123.57	4054.24	-159.74	4057.06	0
14700	91.4	359.93	10436.62	-7121.12	4154.22	-159.85	4157	0
14800	91.4	359.93	10434.18	-7118.68	4254.19	-159.97	4256.94	0
14900	91.4	359.93	10431.74	-7116.24	4354.16	-160.08	4356.88	0
15000	91.4	359.93	10429.3	-7113.8	4454.13	-160.2	4456.81	0

15100	91.4	359.93	10426.86	-7111.36	4554.1	-160.31	4556.75	0
15200	91.4	359.93	10424.42	-7108.92	4654.07	-160.43	4656.69	0
15300	91.4	359.93	10421.98	-7106.48	4754.04	-160.54	4756.63	0
15400	91.4	359.93	10419.54	-7104.04	4854.01	-160.66	4856.57	0
15500	91.4	359.93	10417.1	-7101.6	4953.98	-160.77	4956.5	0
15600	91.4	359.93	10414.66	-7099.16	5053.95	-160.89	5056.44	0
15700	91.4	359.93	10412.22	-7096.72	5153.92	-161	5156.38	0
15800	91.4	359.93	10409.78	-7094.28	5253.89	-161.12	5256.32	0
15900	91.4	359.93	10407.34	-7091.84	5353.86	-161.23	5356.25	0
16000	91.4	359.93	10404.9	-7089.4	5453.83	-161.35	5456.19	0
16100	91.4	359.93	10402.46	-7086.96	5553.8	-161.46	5556.13	0
16200	91.4	359.93	10400.02	-7084.52	5653.77	-161.58	5656.07	0
16300	91.4	359.93	10397.57	-7082.07	5753.74	-161.69	5756	0
16400	91.4	359.93	10395.13	-7079.63	5853.71	-161.8	5855.94	0
16500	91.4	359.93	10392.69	-7077.19	5953.68	-161.92	5955.88	0
16600	91.4	359.93	10390.25	-7074.75	6053.65	-162.03	6055.82	0
16610.35	91.4	359.93	10390	-7074.5	6064	-162.05	6066.16	0
16700	91.4	359.93	10387.81	-7072.31	6153.62	-162.15	6155.75	0
16710.35	91.4	359.93	10387.56	-7072.06	6163.97	-162.16	6166.1	0
16800.35	91.4	359.93	10385.36	-7069.86	6253.94	-162.26	6256.04	0

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to Well. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 358.470° (Grid).

Coordinate System is North American Datum 1983 US State Plane 1983, New Mexico Eastern Zone.
Grid Convergence at Surface is 0.513°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 16800.35ft.,
the Bottom Hole Displacement is 6256.05ft., in the Direction of 358.470° (Grid).

X	Y	Latitude	Longitude	Comments
839403	428699	32.175	-103.37	
839403.6	428698.9	32.175	-103.37	
839404.2	428699	32.175	-103.37	
839404.7	428699.3	32.175	-103.37	
839405.5	428699.6	32.175	-103.37	
839406.6	428700.3	32.175	-103.37	
839407.6	428701	32.175	-103.37	
839409	428701.2	32.175	-103.37	
839411.1	428701.5	32.175	-103.37	
839413.3	428702.4	32.175	-103.37	
839415.1	428702.7	32.175	-103.37	
839417.6	428701.8	32.175	-103.37	
839419.6	428699.9	32.175	-103.37	
839421.5	428695.9	32.175	-103.37	
839423.1	428690.2	32.175	-103.37	
839424.1	428683.9	32.175	-103.37	
839424.7	428677.8	32.175	-103.37	
839425	428672.1	32.175	-103.37	
839424.5	428667.1	32.175	-103.37	
839421.8	428658	32.175	-103.37	
839420.6	428653.4	32.175	-103.37	
839419.4	428648.5	32.175	-103.37	
839417.3	428642.8	32.175	-103.37	
839414.7	428636.4	32.175	-103.37	
839411.1	428629.7	32.175	-103.37	
839406.4	428623.4	32.175	-103.37	

839401.5	428617.2	32.175	-103.37
839397	428611.4	32.175	-103.37
839392.8	428606	32.175	-103.37
839388.8	428600.8	32.175	-103.37
839384.8	428595.8	32.175	-103.37
839380.6	428591.2	32.175	-103.37
839376.8	428586.9	32.175	-103.37
839373.6	428582.4	32.175	-103.37
839370.5	428577.9	32.175	-103.37
839367.3	428573.3	32.175	-103.37
839364.3	428568.7	32.175	-103.37
839361.1	428564.5	32.175	-103.37
839358.9	428560	32.175	-103.37
839358.6	428554.7	32.175	-103.37
839358.6	428548.3	32.174	-103.37
839358.4	428541.1	32.174	-103.37
839357.5	428534.7	32.174	-103.37
839355.2	428529.1	32.174	-103.37
839352.5	428523.7	32.174	-103.37
839349	428518.4	32.174	-103.37
839343.4	428513.7	32.174	-103.37
839336.5	428510.6	32.174	-103.37
839331.6	428509	32.174	-103.37
839330.4	428507.4	32.174	-103.37
839332	428504.9	32.174	-103.37
839334.9	428501.9	32.174	-103.37
839336.2	428500.5	32.174	-103.37
839338.9	428497.4	32.174	-103.37
839340.4	428494.2	32.174	-103.37
839340.3	428490.5	32.174	-103.37
839338.8	428486.9	32.174	-103.37
839336.7	428483.7	32.174	-103.37
839334.1	428480.3	32.174	-103.37
839331.2	428476.4	32.174	-103.37
839328.2	428472.5	32.174	-103.37
839325.2	428468.2	32.174	-103.37
839322.3	428463.2	32.174	-103.37
839319.5	428458.4	32.174	-103.37
839317	428453.4	32.174	-103.37
839312.4	428444.9	32.174	-103.37
839310.1	428441.2	32.174	-103.37
839307.9	428437.7	32.174	-103.37
839305.9	428434.1	32.174	-103.37
839303.9	428430.6	32.174	-103.37
839301.9	428427.3	32.174	-103.37
839300	428423.8	32.174	-103.37
839298.9	428420.6	32.174	-103.37

839298.4	428418.1	32.174	-103.37
839297.8	428415.7	32.174	-103.37
839297.2	428413.1	32.174	-103.37
839297.3	428411.1	32.174	-103.37
839298.1	428409.7	32.174	-103.37
839298.9	428408	32.174	-103.37
839299.9	428406.2	32.174	-103.37
839301.1	428404.4	32.174	-103.37
839302.3	428402.6	32.174	-103.37
839303.7	428401	32.174	-103.37
839305.1	428399.5	32.174	-103.37
839306.4	428398.3	32.174	-103.37
839307.9	428397.7	32.174	-103.37
839309.6	428397.8	32.174	-103.37
839311.5	428398.4	32.174	-103.37
839313.6	428399.6	32.174	-103.37
839315.6	428401.4	32.174	-103.37
839317.5	428403	32.174	-103.37
839319.4	428403.9	32.174	-103.37
839321.6	428404.6	32.174	-103.37
839324	428405.1	32.174	-103.37
839326.5	428405.1	32.174	-103.37
839328.8	428404.9	32.174	-103.37
839331.1	428404.7	32.174	-103.37
839332.7	428404.9	32.174	-103.37
839333.9	428405.8	32.174	-103.37
839335	428406.9	32.174	-103.37
839335.9	428407.9	32.174	-103.37
839336.6	428408.6	32.174	-103.37
839337.2	428409.4	32.174	-103.37
839337.2	428410.5	32.174	-103.37
839336.5	428412.8	32.174	-103.37
839335	428419.9	32.174	-103.37
839333.3	428431.1	32.174	-103.37
839330.6	428448.2	32.174	-103.37
839328.2	428467.1	32.174	-103.37
839326.5	428488.1	32.174	-103.37
839325.2	428509.9	32.174	-103.37
839324.2	428535.6	32.174	-103.37
839323.6	428565.1	32.175	-103.37
839322.7	428598.5	32.175	-103.37
839321.3	428632.1	32.175	-103.37
839319.5	428667.9	32.175	-103.37
839318.1	428705.4	32.175	-103.37
839317.3	428746.1	32.175	-103.37
839317.3	428788.2	32.175	-103.37
839317.9	428832.9	32.175	-103.37

839318.9	428877.3	32.175	-103.37
839319.7	428922.8	32.176	-103.37
839320.5	429016.6	32.176	-103.37
839320.8	429111.5	32.176	-103.37
839320.8	429205.4	32.176	-103.37
839320.5	429300.4	32.177	-103.37
839320.8	429394.3	32.177	-103.37
839321.7	429489.3	32.177	-103.37
839322.1	429584.3	32.177	-103.37
839321.4	429678.2	32.178	-103.37
839319.9	429772.2	32.178	-103.37
839318	429866.2	32.178	-103.37
839316	429961.1	32.178	-103.37
839313.7	430055	32.179	-103.37
839311	430148.9	32.179	-103.37
839307.7	430243.8	32.179	-103.37
839303.5	430338.5	32.179	-103.37
839297.7	430432.2	32.18	-103.37
839291.2	430525.9	32.18	-103.37
839284.5	430619.6	32.18	-103.37
839277.3	430714.3	32.18	-103.37
839270.6	430807.9	32.181	-103.37
839263.8	430902.6	32.181	-103.37
839256.1	430996.2	32.181	-103.37 Tie In - Start DLS 2.00 TFO 102.50
839251.7	431053.9	32.181	-103.37
839246.6	431153.8	32.182	-103.37
839245	431248.3	32.182	-103.37 Start 3515.71 hold at 13094.64 MD
839245	431253.7	32.182	-103.37
839244.9	431353.7	32.182	-103.37
839244.8	431453.6	32.182	-103.37
839244.6	431553.6	32.183	-103.37
839244.5	431653.6	32.183	-103.37
839244.4	431753.5	32.183	-103.37
839244.3	431853.5	32.184	-103.37
839244.2	431953.5	32.184	-103.37
839244.1	432053.5	32.184	-103.37
839244	432153.4	32.184	-103.37
839243.8	432253.4	32.185	-103.37
839243.7	432353.4	32.185	-103.37
839243.6	432453.3	32.185	-103.37
839243.5	432553.3	32.186	-103.37
839243.4	432653.3	32.186	-103.37
839243.3	432753.2	32.186	-103.37
839243.2	432853.2	32.186	-103.37
839243	432953.2	32.187	-103.37
839242.9	433053.2	32.187	-103.37
839242.8	433153.1	32.187	-103.37

839242.7	433253.1	32.187	-103.37	
839242.6	433353.1	32.188	-103.37	
839242.5	433453	32.188	-103.37	
839242.3	433553	32.188	-103.37	
839242.2	433653	32.189	-103.37	
839242.1	433753	32.189	-103.37	
839242	433852.9	32.189	-103.37	
839241.9	433952.9	32.189	-103.37	
839241.8	434052.9	32.19	-103.37	
839241.7	434152.8	32.19	-103.37	
839241.5	434252.8	32.19	-103.37	
839241.4	434352.8	32.19	-103.37	
839241.3	434452.7	32.191	-103.37	
839241.2	434552.7	32.191	-103.37	
839241.1	434652.7	32.191	-103.37	
839241	434752.7	32.192	-103.37	
839241	434763	32.192	-103.37	Start 100.00 hold at 16610.35 MD
839240.9	434852.6	32.192	-103.37	
839240.8	434863	32.192	-103.37	Start 90.00 hold at 16710.35 MD
839240.7	434952.9	32.192	-103.37	TD at 16800.35